Work Order ID 53650 November 11, 2009 3:02:32 PM				:	Page			
Item ID: D2886-1 Revision ID: AB G, 17. C Item Name: Cable Guard Start Date: 11/13/09 Start Qty: 2.00 Required Date: 11/20/09 Req'd Qty: 2.00 Reference:		Accept	Cust Item II	 	POSITIVE) s	Setup Star Stop	
Approvals: Process Plan: QC:	Date:	Tooling: SPC (Y/N):		ite:		R	Run Star Stoj	
Sequence ID/ Operation Work Center ID Description		Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Insp. Number Stamp
Draw Nbr Revision Nbr D2886 Rev & B					,	-w 1		
Waterjet Memo FLOW CNC Waterjet CUT BLA	ANKS AS PER FILE D2886-1	0.00				B C	j-11-76	
HAAS CNC VERTIC HAAS I HAAS CNC vertical machine #1 Memo Machine	AL MACHINING #1 as per folio D2886-1	0.00 0.00	09/12/01			Z	<u> </u>	. <u> </u>
150 QC2- Inspect parts of QC QC Memo Quality Control	f machine FAI/FAIB	^{0.00} Н.А	09/12/02			2	, , , , , <u>, , , , , , , , , , , , , , </u>	·

Dart Aerospace Ltd WORK ORDER CHANGES W/O: Approval Approval-STEP DATE PROCEDURE CHANGE By Qtv Date Chief Ena / QC Inspector Prod Mar Part No: ______ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: ____ Date: ____ WORK ORDER NON-CONFORMANCE (NCR) NCR: **Corrective Action** Section B **Description of NC** Verification Approval Approval DATE **STEP** Sign & **Action Description** Initial QC Inspector Section A Section C Chief Eng Date Chief Eng Chief Eng

Page 2

November 11, 2009 3:02:33 PM

Item ID:

D2886-1

Α

Revision ID: Item Name:

Cable Guard

Start Date:

11/13/09

Start Oty: 2.00

Required Date: 11/20/09

Reg'd Oty: 2.00



Accept



Setup Start



Stop

Reference:

Approvals:

Process Plan:

Date:

QC: Date:

Tooling:

SPC (Y/N):

Date: Date: Run

Start



Stop

Sequence ID/ Work Center ID

160

OC

Ouality Control

Operation Description

OC8- Inspect parts - second check

Memo

Memo

Set Up/

Run Hours

Draw Number

Cust Item ID:

Customer:

Draw Rev.

Plan Accept Code **Qty**

Reject Qty

Reject Number Stamp

Insp.

0.00

0.00 ml 09/12/02

190

Packaging

Packaging

Identify as per dwg & Stock Location:

0.00

0.00

al12/2 50 2

200

QC

Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

0.00

09/12/02 95/ MF 09-12-02

POSITIVE RECALL

RELEASED

Dart	Aeros	pace	Ltd

	•								
W/O:			WO	RK ORDER CHANGE	S				,
DATE	STEP	PRO	OCEDURE CHAI	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval- QC Inspector	
Part No	:	PAR #:	Fault Cate	gory:	NCR: Yes	No DQ	\ :	_ Date: _	
	Res	solution:	Disposition	1:	QA: N/C Cld	osed:		Date: _	
NCR:		,	WORK ORDE	ER NON-CONFORMA	NCE (NCR)			
DATE	STEP	Description of NC		Corrective Action Section Action Description	ection B Sign & Section B			Approval	Approval
		Section A	Chief Eng	Chief Eng	Date	Section	on C	Chief Eng	QC Inspector
		· · · · · · · · · · · · · · · · · · ·							
,									
									·

Picklist Print

November 11, 2009 3:02:31 PM

Work Order ID: 53650

Parent Item:

D2886-1RevA

Parent Item Name: Cable Guard

Comments:



Start Date: 11/13/09

Required Date: 11/20/09

Page 1

Start Oty: 2.00

Required Qty: 2.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
Item Name	Item ID	Purch	Item	Location	Location	Seq ID	Measure	Hand	Qty To Pick	Issued	Issued	
MUHMWB1750X1000		Purchased	No			100	sf	0.0000	0.7017			

UHMW 1.75x1.00x48.00

B9-11-26

Dart Aerospace Ltd W/O: WORK ORDER CHANGES DATE STEP PROCEDURE CHANGE By Date Oty Chief Eng / Prod Mgr OC Inspector Approval Chief Eng / Prod Mgr OC Inspector

Part No		PAR #:	Fault Ca	tegory:	NCR: Yes N	o DQA:	Date: _	
	R	esolution:	Disposit	ion:	QA: N/C Clos	sed:	Date:	
NCR:			WORK OR	DER NON-CONFORMAN	NCE (NCR)			
DATE	CTED	Description of NC		Corrective Action Section		Verification Section C	Approval Chief Eng	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date			QC Inspector
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	1							
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H:\fFORMS\Quality Assurance\approved QA\NCRWO RevE

DART AEROSPACE LTD	Work Order: 53 650	
Description: GUARD	Part Number: D2884-1	
Inspection Dwg: D2884, Rev: B	Page 1 of 2	

FIRST ARTICLE INSPECTION CHECKLIST

X First Article Prototype

Γ											
Drawing	Tolerance	Actual	Accept	Reject	Method of	Comments					
Dimension		Dimension			Inspection						
48.00	±.030	48.00									
45.81	±.030	45.81		ø.							
37.69	± ,030	37.69									
34.00	±.030	34.00									
20.00	±.030	20.00									
16.75	±.030	16.75									
Ø.438	÷.006	0.439									
8.875X.37DP	±.030 ±.006 001 +.010 +.010 001 X ±.030	0,880x.372									
47.00	±.030	42.00									
27.875		27.875									
11.063	±.01b	11.063									
2.875	±.010	2:875									
1.75	±.030	1.745	<u> </u>								
SO°	し き 'な'	50°			·						
250	±ね°	250									
.20 X45°CF	±.030 x ± 1/2°	.215 x45°									
. 78	± -036	-781									
.70	±.030	.698	<u> </u>								
,79	±.03b	.791									
-95	±-030	.950									
R2.00	#±.030	R2.00									
R.66	±.030	R.66									
.33	±.030	.327									

Measured by:	H.A	Audited by:	and	Prototype Approval:	N/A
Date:	09/12/02	Date:	09/12/02	Date:	N/A
					

Rev	Date	Change	Revised by	Approved
Α		New Issue	KJ/JLM	

DART AEROSPACE LTD	Work Order: 53 650
Description: GUARD	Part Number: D2886-1
Inspection Dwg:) 2886 Rev: B	Page 2 of 2

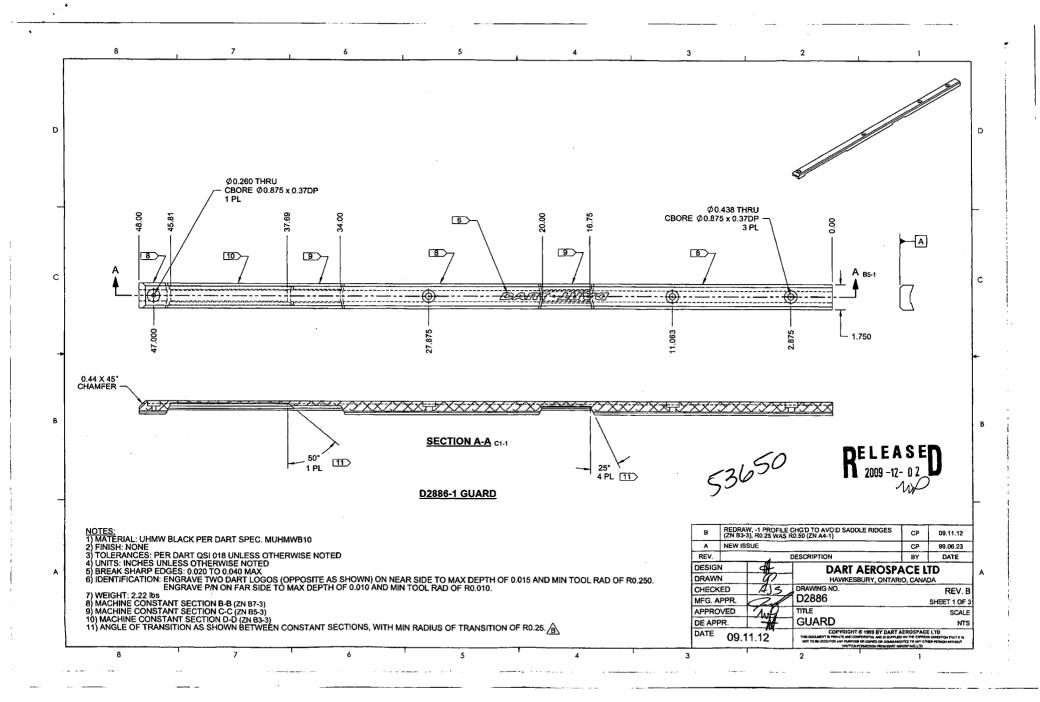
FIRST ARTICLE INSPECTION CHECKLIST

X First Article Prototype

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
.50	±.030	.498				
.64	±.030	.635		r.		
.88	=.030	,885				
1.31	±.030	1.315	_			
n 14	±.030	,141				
.53	±.030	,360	_			
,53	±-030	,525				
.64	7.030	.635	_			
.44×45°	±.030 X±1/2°	,450x 45°			,	

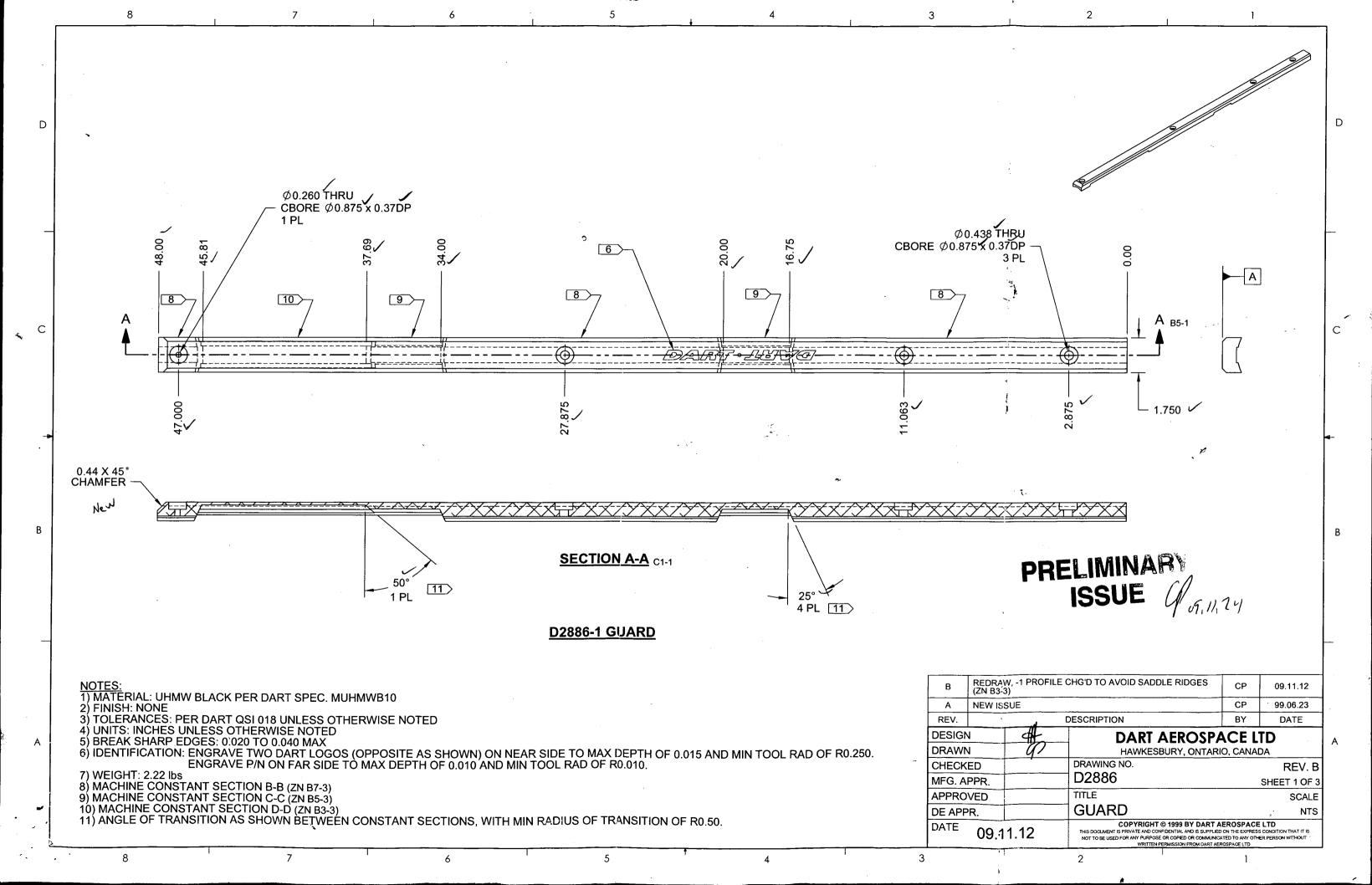
Measured by:	A	Audited by:	and	Prototype Approval:	N/A
Date: 09	12/02	Date:	09/12/02	Date:	N/A

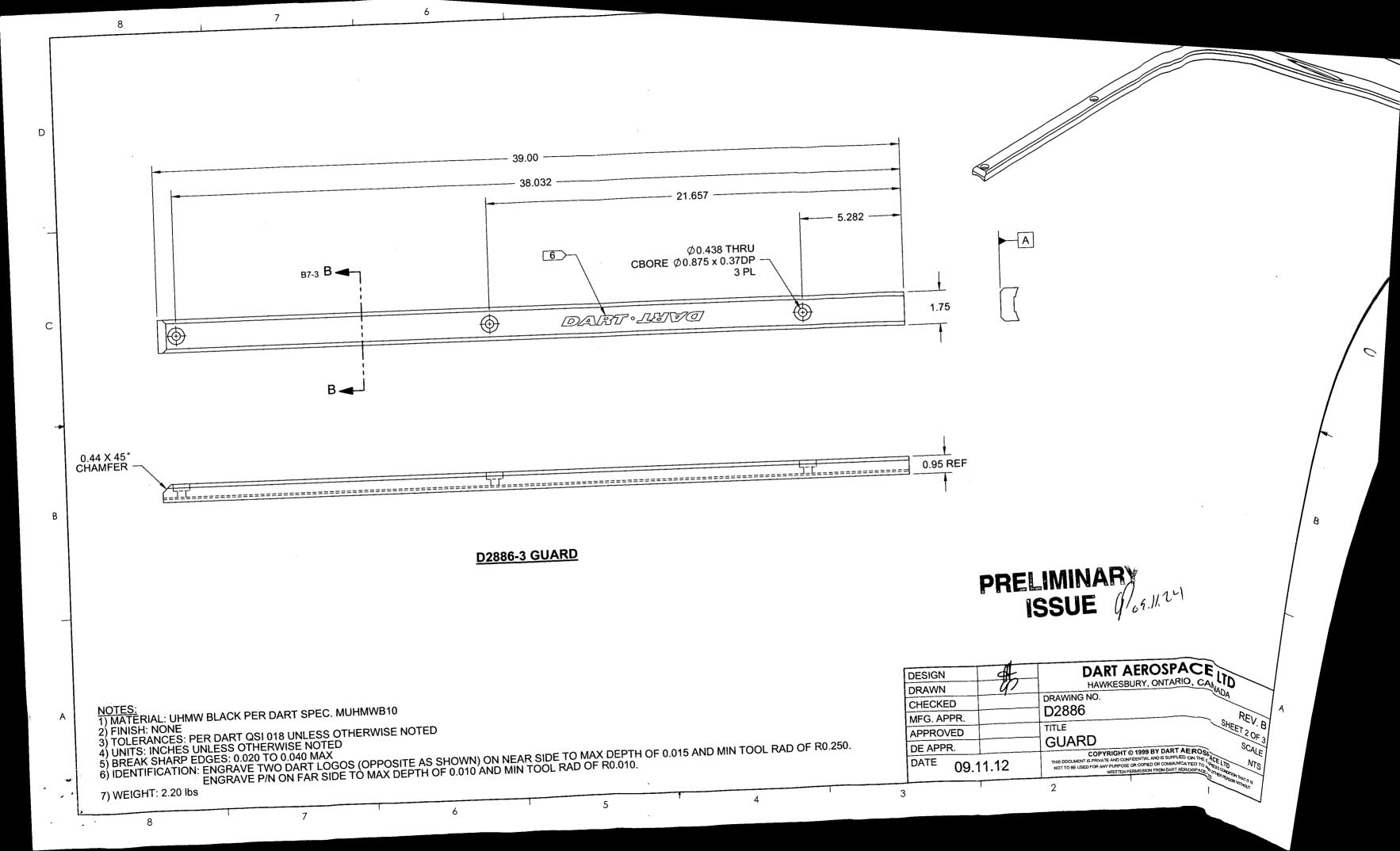
Rev	Date	Change	Revised by	Approved
Α		New Issue	KJ/JLM	

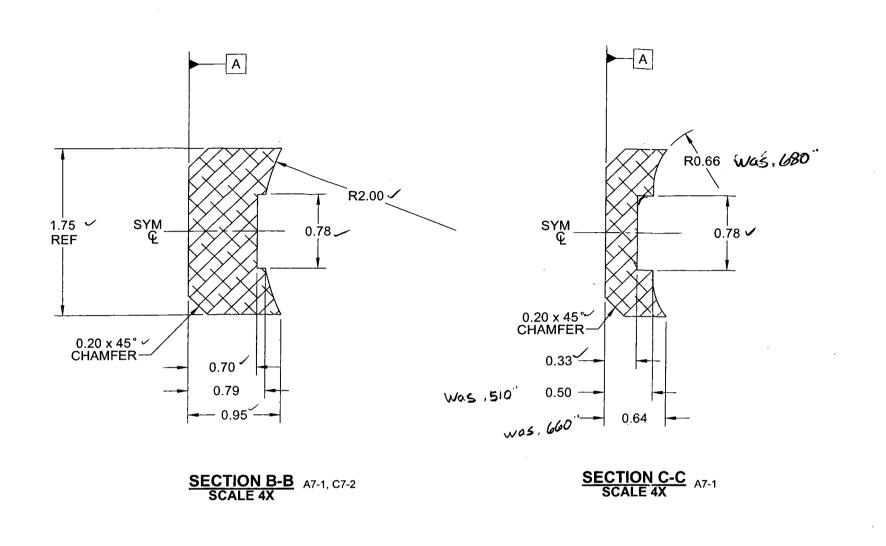


Dart Aerospace Ltd

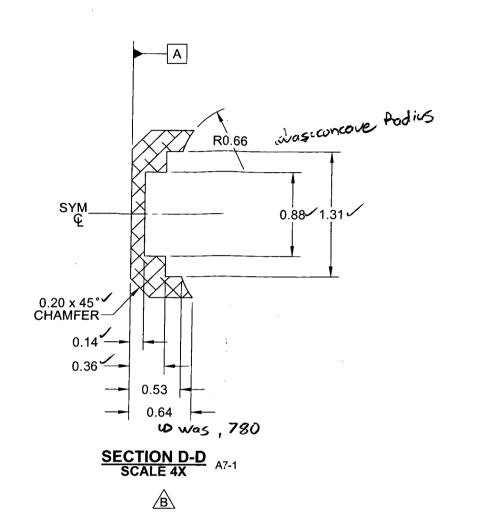
W/O:			WC	ORK ORDER CHANG	iES		· · · <u>-</u> · ·		
DATE STEP		PROCEDURE CHANGE			Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
			<u> </u>		1				
Part No	:	PAR #:	Fault Cate	gory:	_ NCR: Yes	s No DQ	A:	Date:	
	Re	solution:	Disposition	າ:	QA: N/C	Closed:		Date: _	
NCR:			WORK ORDI	ER NON-CONFORM	ANCE (NC	R)			_
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verifi	cation	Approval	Approval
			Initial Chief Eng	Action Description Chief Eng	Sign Dat		Section C	Chief Eng	QC Inspector
]				
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							<u>. </u>		
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PRELIMINARY ISSUE PORTING

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DESIGN	#	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA				
DRAWN	\mathcal{Q}					
CHECKED		DRAWING NO.	REV. B			
MFG. APPR.		D2886	SHEET 3 OF 3			
APPROVED		TITLE	SCALE			
DE APPR.		GUARD	NTS			
DATE 09.11.12		COPYRIGHT © 1999 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.				

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